

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L22	8052	(shield\$4 block\$4 prevent\$4) near6 (stray peripheral extra) near4 (light beam)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/07/19 14:34
L23	89	L22 near6 ring	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/07/19 14:34
L24	46538	objective near3 lens	US-PGPUB; USPAT	OR	ON	2007/07/19 14:34
L25	315	rising near3 mirror	US-PGPUB; USPAT	OR	ON	2007/07/19 14:34
L26	83	L24 near10 L25	US-PGPUB; USPAT	OR	ON	2007/07/19 14:34
L27	1	L26 near10 ring	US-PGPUB; USPAT	OR	ON	2007/07/19 14:34
L28	3	(objective near3 lens) near10 (light beam) near4 (shield\$4 block\$4) near6 ring	EPO; JPO	OR	ON	2007/07/19 14:34
L29	1055	(light beam) near4 (shield\$4 block\$4) near6 ring	US-PGPUB; USPAT	OR	ON	2007/07/19 14:34
L30	29	L24 near10 L29	US-PGPUB; USPAT	OR	ON	2007/07/19 14:34
L31	5970519	(ring diaphragm circ\$5 film)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/07/19 14:34
L32	71276	objective near3 lens	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/07/19 14:34
L33	284777	(light beam stray peripheral) near4 (shield\$4 block\$4 prevent\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/07/19 14:34
L34	38	L22 near10 (objective near3 lens)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/07/19 14:34
L35	7	("5339123"   "5699201"   "6052233"   "6144500"   "6172944").PN. OR ("6356398").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/19 14:34
L36	57290	(shield\$4 block\$4) near4 (ring aperture diaphragm)	US-PGPUB; USPAT	OR	ON	2007/07/19 14:34
L37	29463	(peripheral stray) near4 light	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/07/19 14:34
L38	563955	lens	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/07/19 14:34

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L39	3039	L38 near8 L37	US-PGPUB; USPAT	OR	ON	2007/07/19 14:34
L40	1	10/811233.app.	US-PGPUB; USPAT	OR	ON	2007/07/19 14:34
L41	12	L23 near10 lens	US-PGPUB; USPAT	OR	ON	2007/07/19 14:34
L42	46538	objective near3 lens	US-PGPUB; USPAT	OR	ON	2007/07/19 14:34
L43	31592	(stray peripheral extra) near4 (light beam)	US-PGPUB; USPAT	OR	ON	2007/07/19 14:34
L44	159	L31 near10 L33 near10 L32	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/07/19 14:34
L45	685	(369/112.23).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/19 14:34
L46	858	(369/118).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/19 14:34
L47	52	L45 and L46	US-PGPUB; USPAT	OR	ON	2007/07/19 14:34
L48	4	L26 near10 (ring aperture diaphragm)	US-PGPUB; USPAT	OR	ON	2007/07/19 14:34
L49	7	("4738516"   "5491765"   "5680256"   "5936782"   "5974013").PN. OR ("6188528").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/19 14:34
L50	1284	((369/44.14) or (369/44.15) or (369/44.16)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/19 14:34
L51	11624	(ring aperture diaphragm) near10 (objective near3 lens)	US-PGPUB; USPAT	OR	ON	2007/07/19 14:34
L52	216	L50 and L51	US-PGPUB; USPAT	OR	ON	2007/07/19 14:34
L53	2684	((369/112.23) or (369/118) or (369/44.15) or (369/44.14) or (369/44.16)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/19 14:34
L54	655	L53 and L51	US-PGPUB; USPAT	OR	ON	2007/07/19 14:34
L55	104470	light near4 (shield\$4 block\$4)	US-PGPUB; USPAT	OR	ON	2007/07/19 14:34
L56	103	L55 and L50	US-PGPUB; USPAT	OR	ON	2007/07/19 14:34
L57	7991	L55 near10 lens	US-PGPUB; USPAT	OR	ON	2007/07/19 14:34

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L58	35	L57 and L50	US-PGPUB; USPAT	OR	ON	2007/07/19 14:34
L59	71276	objective near3 lens	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/07/19 14:34
L60	12452	L59 near10 (diaphragm aperture)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/07/19 14:34
L61	427	L60 near10 (coating film)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/07/19 14:34
L62	124	L61 and "369".clas.	US-PGPUB; USPAT	OR	ON	2007/07/19 14:34
L63	166243	(aperture near4 limit\$4 iris diaphragm)	US-PGPUB; USPAT	OR	ON	2007/07/19 14:34
L64	2203	L59 near10 L63	US-PGPUB; USPAT	OR	ON	2007/07/19 14:34
L65	445	L64 and "369".clas.	US-PGPUB; USPAT	OR	ON	2007/07/19 14:34
L66	6355	(cut near3 out gap) near4 lens	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/07/19 14:34
L67	5	("20010028514"   "5936782"   "5949577"   "6215591").PN. OR ("6819491").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/19 14:34
L68	23	takahashi and hineno	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/07/19 14:34
L69	2	10/333402.app.	US-PGPUB; USPAT	OR	ON	2007/07/19 14:34
L70	36	thin near4 (diaphragm aperture) near10 (objective near3 lens)	US-PGPUB; USPAT	OR	ON	2007/07/19 14:34
L71	191	L66 near4 (block\$4 shield\$4 seal\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/07/19 14:34
L72	4	L71 and "369".clas.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/07/19 14:34
L73	3	"6188528"	US-PGPUB; USPAT	OR	ON	2007/07/19 14:34
L74	135	(objective near3 lens) near4 seal\$4	US-PGPUB; USPAT	OR	ON	2007/07/19 14:34
L75	1	("7082084").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/19 14:34

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L76	1	("6819491").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/19 14:34
L77	61	mirror near4 (lens near3 (support\$4 hold\$4 mount\$4)) near8 (thin\$4 compact small\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/19 14:34
L78	1	2003-109234	DERWENT	OR	ON	2007/07/19 14:34
L79	793	((light ray) near3 (shield\$4 block\$4 seal\$4 prevent\$4)) near10 (objective near3 lens)	US-PGPUB; USPAT	OR	ON	2007/07/19 14:34
L80	19	L79 and "720".clas.	US-PGPUB; USPAT	OR	ON	2007/07/19 14:34
L81	10	L74 and "369".clas.	US-PGPUB; USPAT	OR	ON	2007/07/19 14:34
L82	3	L74 and "720".clas.	US-PGPUB; USPAT	OR	ON	2007/07/19 14:34
L83	56	mirror near4 (lens near3 (support\$4 hold\$4 mount\$4)) near8 (cut\$4 remov\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/19 14:34
L84	4	L83 and ("369".clas. "720".clas.)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/19 14:34
L85	8	L77 and ("369".clas. or "720".clas.)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/19 14:34
L86	221	L79 and "369".clas.	US-PGPUB; USPAT	OR	ON	2007/07/19 14:34
L87	9	("5018836"   "5323369"   "5488603"   "5511049"   "5663840"   "6181670"   "6295255"   "6496451"   "6768601"). PN. OR ("7082084").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/19 14:34
L88	9	("5285062"   "5337302"   "5396061"   "5404009"   "5438586"   "5446719"). PN. OR ("5555232").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/19 14:34
L89	1	"2003109234"	DERWENT	OR	ON	2007/07/19 14:34
L90	627	mirror same (lens near4 (support\$4 hold\$4 mount\$4)) near10 (cut\$4 notch\$4 remov\$4 spac\$4)	US-PGPUB; USPAT	OR	ON	2007/07/19 14:34
L91	39	L90 and ("369".clas. "720".clas.)	US-PGPUB; USPAT	OR	ON	2007/07/19 14:34
L92	9	(rising near3 mirror) near10 (cut\$4 remov\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/19 14:34
L93	8	L83 near6 (thin\$4 small\$4 light\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/19 14:34

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L94	4	(ris\$4 near4 mirror) same (lens near4 (support\$4 hold\$4 mount\$4)) near10 (cut\$4 notch\$4 remov\$4 spac\$4)	US-PGPUB; USPAT	OR	ON	2007/07/19 14:34
L95	8	mirror near4 (lens near3 (support\$4 hold\$4 mount\$4)) near8 (thin\$4 compact small\$4 lighter) and ("369". clas. "720". clas.)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/19 14:34
L96	793	(369/44.14).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/19 14:34
L97	20	mirror near6 (cut\$4 remov\$4) and L96	US-PGPUB; USPAT	OR	ON	2007/07/19 14:34
L98	4180	mirror near6 (lens near4 (support\$4 hold\$4 mount\$4))	US-PGPUB; USPAT	OR	ON	2007/07/19 14:34
L99	55	L98 and L96	US-PGPUB; USPAT	OR	ON	2007/07/19 14:34

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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	10762	lens near3 (hold\$4 support\$4)	US-PGPUB	OR	ON	2007/07/19 14:41
L2	59447	cutout cut near3 out	US-PGPUB	OR	ON	2007/07/19 14:41
L3	123988	mirror	US-PGPUB	OR	ON	2007/07/19 14:41
L4	198078	light near3 (shield\$4 block\$4) aperture diaphragm	US-PGPUB	OR	ON	2007/07/19 14:43
L5	1	(1 and 2 and 3 and 4).clm.	US-PGPUB	OR	ON	2007/07/19 14:43